

AMENDMENTS TO THE CLAIMS

1-15. (Cancelled)

16. (New) A fuel cell which comprises a cathode and an anode sandwiching a proton-conductive ion exchange electrolytic membrane, and permitting oxygen and hydrogen containing carbon monoxide to be supplied to the cathode and the anode, respectively, in which the cathode comprises an electroconductive porous substrate which carries thereon platinum and a proton-conductive ion exchange electrolytic polymer, and the anode comprises an electroconductive porous substrate which carries thereon platinum or a platinum alloy and a proton-conductive ion exchange electrolytic polymer, and further at least the anode carries a proton-supplying material thereon, wherein the proton-supplying material consists essentially of at least one of polymeric acids selected from:

polyvinylsulfuric acid,
polystyrenesulfonic acid,
sulfonated styrene/butadiene copolymer,
polyallylsulfonic acid,
polymethallylsulfonic acid, and
poly-2-acrylamide-2-methylpropanesulfonic acid.

17. (New) The fuel cell according to claim 16, wherein the proton-conductive ion exchange electrolytic polymer is perfluorosulfonic acid resin.